

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-567 REV. D
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-567 REV. 1
REF. TCCA STC: SH92-18
REF. FAA STC: SH989NE AND SH990NE
REF. EASA STC: EASA.IM.R.S.01560 AND EASA.IM.R.S.01561

1.0 PURPOSE

This service instruction is intended for customers wishing to upgrade their existing cabin floor window from D350-567-011 Kit with a D350-567-031 Floor Window Kit. Since the two kits do not share the same rivet patterns, the D350-567-031B Kit from this service instruction replaces D350-567-031 Kit to facilitate installation without having to perform extensive rework/repair of the aircraft floor prior to installation.


2.0 INSTALLATION CHANGE






Note: In reference with Installation Instructions D350-567, make the following substitutions:

- D3210-1B replaces D3210-1;
- D3211-1B replaces D3211-1;
- D3212-1B replaces D3212-1;
- D3213-041B replaces D3213-041.

- 2.1 Perform Steps 3.4.1 and 3.4.2 of Installation Instructions D350-567 as required.
- 2.2 Locate the D3210-1B per Figure 1 of this service instruction.
- 2.3 Determine whether to trim D3210-1B or shim the sliding door rail per Step 3.4.8 of D350-567 as required to ensure compatibility with Eurocopter Sliding Door if installed on aircraft.
- 2.4 Enlarge the viewing hole in the aircraft floor by using D3210-1B as template.
- 2.5 Transfer drill Ø0.128" holes from the aircraft floor to D3210-1B Doubler, D3211-1B Bracket, and D3212-1B Window. Drill additional holes as required through D3210-1B and aircraft floor. Ensure minimum pitch and edge distance as indicated.
- 2.6 Enlarge as required qty(4) Ø0.128" holes to Ø0.141" and drill qty(4) Ø0.141" as shown in Figure 1 of this service instruction.
- 2.7 Locate D3213-041B and transfer drill qty(12) Ø0.128" and qty(3) Ø0.141" holes from the D3210-1B Doubler/aircraft floor to the blank hinge blade of D3213-041B.
- 2.8 Complete installation in accordance with Section 3.4 of Installation Instructions D350-567.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)
DATE: 11.06.10
CERT. NO.: SH92-18
ISSUE NO.: 6

A	NEW ISSUE	MB	11.06.07
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3.0 PARTS LIST

Qty -031B	Part Number	Description
X	D350-567-031B	INTERIOR FLOOR WINDOW KIT (SLIDING DOOR COMPATABLE)
1	D2463-0450	NEOPRENE SEAL
1	D3210-1B	DOUBLER, BLANK
1	D3211-1B	BRACKET, BLANK
1	D3212-1B	FLOOR WINDOW, BLANK
1	D3213-041B	DOOR ASSEMBLY, W/BLANK HINGE BLADE
8	AN526C632R12	SCREW (OR AN526C632-12, OR MS51957-32)
8	AN960JD6	WASHER
8	MS21042L06	NUT (OR MS21042-06)
40	MS20470AD4-5	RIVET
90	MS20470AD4-6	RIVET
20	MS20470AD4-7	RIVET

4.0 WEIGHT AND BALANCE

There is a negligible weight change associated with this modification. If upgrading from D350-567-011 to D350-567-117, refer to the weight and balance information for D350-567-117 of Installation Instructions D350-567.

5.0 MAINTENANCE AND CONTINUED AIRWORTHINESS

Maintenance and continued airworthiness instructions for D350-567-031B is the same as for D350-567-031. Refer to ICA-D350-567.

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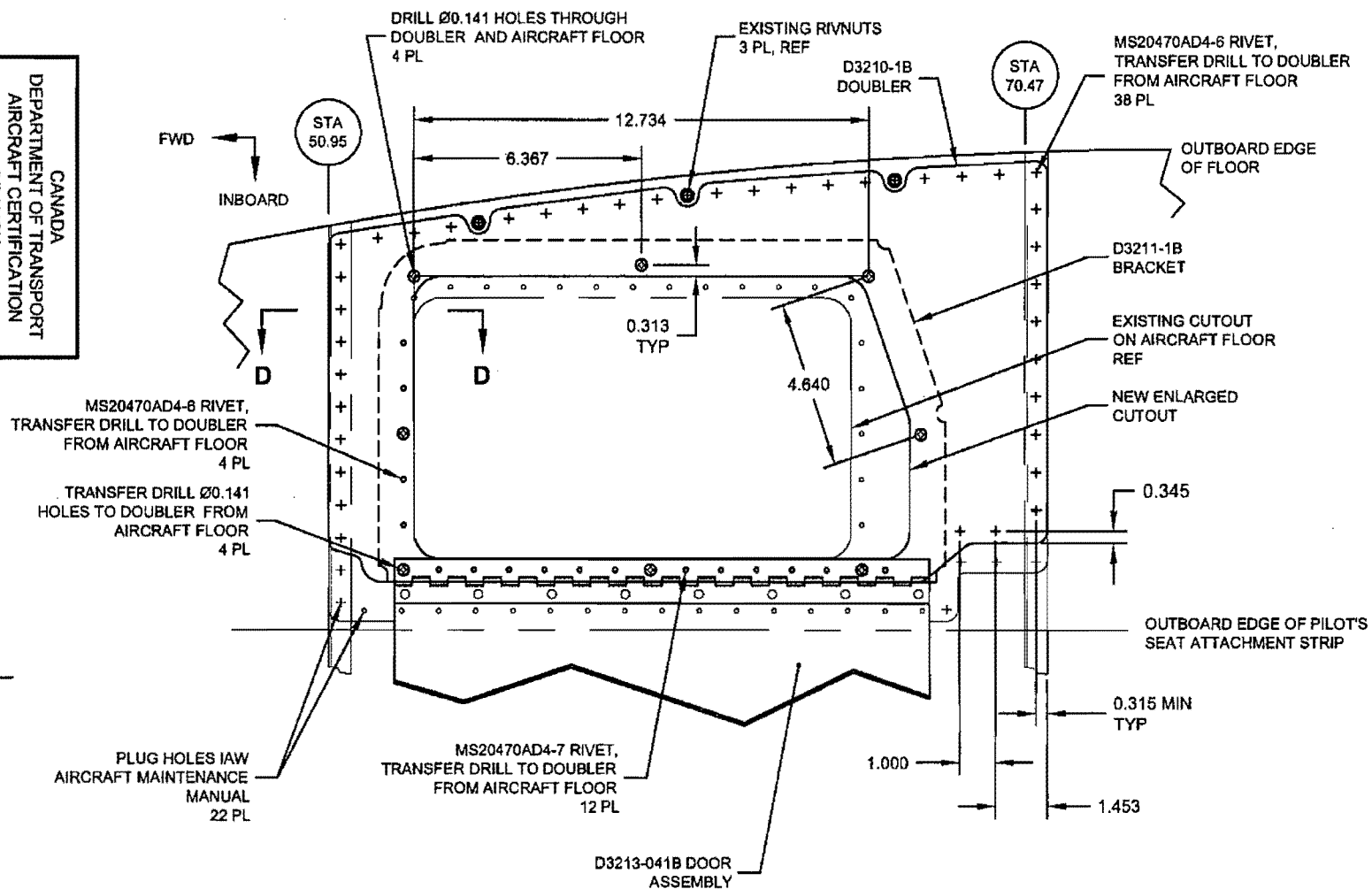
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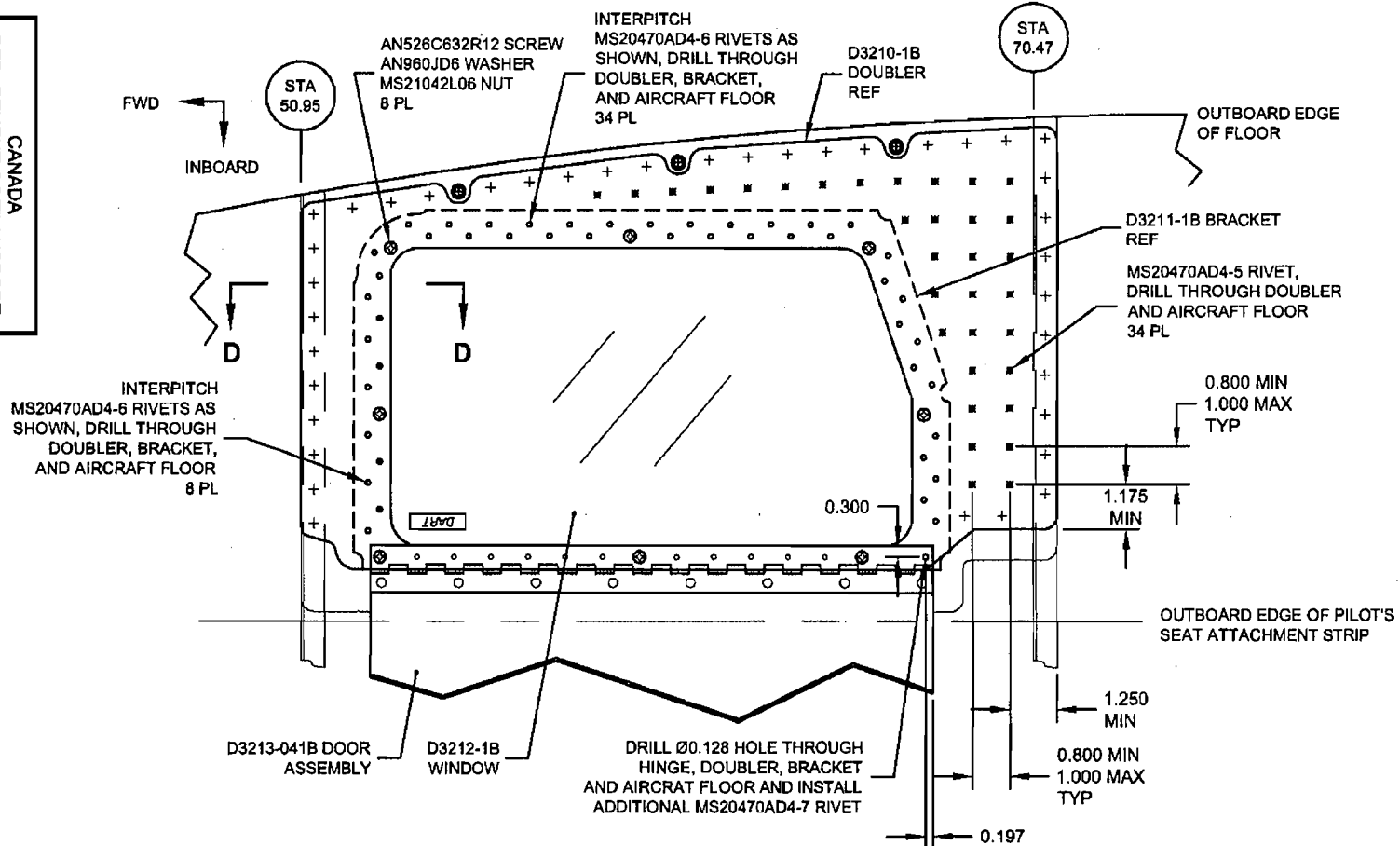
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**FIGURE 1: D350-567-031B KIT OVERVIEW
AND HOLE TRANSFER DRILLING GUIDELINE**
(SLIDING DOOR MOD NOT SHOWN)

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**FIGURE 2: TYPICAL PITCHES FOR
ADDITIONAL REQUIRED RIVETS**
(SLIDING DOOR MOD NOT SHOWN)

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